

ISOLATING RADIO FREQUENCY
COMPONENTS OF A WIRELESS DEVICE

Abstract of the Disclosure

Radio frequency components may be optically isolated from lower frequency components of a transceiver to improve the sensitivity and transmission efficiency in some
5 embodiments. In one embodiment, an optical waveguide may be utilized to isolate the low noise amplifier from other components downstream in the received path. Similarly, an optical waveguide may be utilized to isolate lower
10 frequency components from a downstream radio frequency power amplifier.